

FORD:

2006-2015 F-650, F-750

ISSUE

Some 2006-2015 F-Super Duty 650/750 vehicles equipped with exterior tubular stainless steel west coast style mirrors may have a loose mounting bracket due to poor rivet retention.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Is the vehicle equipped with exterior tubular stainless steel west coast style mirrors? (Figure 1)



Figure 1 - Article 15-0164

- a. Yes - proceed to Step 2.
 - b. No - this article does not apply.
2. Is there a wire harness routed from the door sail panel to the exterior tubular stainless steel west coast style mirror head? (Figure 2)



Figure 2 - Article 15-0164

- a. Yes - use the heated sail mirrors and proceed to Step 3.

NOTE: The information contained in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford, Lincoln, or Mercury dealership to determine whether the bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

- b. No - replace the mirrors using the following procedure.
 - (1) Remove the three (3) lower and two (2) upper attachment bolts securing the exterior tubular stainless steel west coast style mirror bracket to the door and remove the mirror assembly from the door.
 - (2) Remove the interior sail covers from the doors to access the mirror mounting area.
 - (3) Remove the four (4) rubber plugs to access the sail panel retainers.
 - (4) Remove the exterior sail panel. Refer to Workshop Manual (WSM), Section 501-09.
 - (5) Attach the non-heated sail mirror to the door and install the four (4) mirror attachment nuts. Tighten to 11 Nm (97 lb-in.). (Figure 4)
 - (6) Install the four (4) rubber plugs that cover the sail panel retainers.
 - (7) Repair any exterior door damage or unused mounting holes as needed. Refer to WSM, Section 501-35. Repair is complete.
- 3. Disconnect batteries. Refer to WSM, Section 414-01.
- 4. Remove interior door trim panels and interior sail panels. Refer to WSM, Section 501-05.
- 5. Remove the door front speakers. Refer to WSM Section, 415-00.
- 6. Locate the exterior tubular stainless steel west coast style mirror wiring from the door sail area and follow the harness down to the mirror 6-way electrical connector, accessing it via the speaker opening in the door sheet metal. (Figure 3)



Figure 3 - Article 15-0164

- 7. Is the color of the exterior tubular stainless steel west coast style mirror electrical connector shell black? (Figure 3)
 - a. Yes - cut the yellow/white/green wires 100 mm (4") from the back of the 6-way mirror connector.
 - b. No - cut the green/white/black wires 100 mm (4") from the back of the 6-way mirror connector.
- 8. Remove the four (4) rubber plugs to access the sail panel retainers.
- 9. Remove and discard the four (4) exterior sail panel attachment nuts. (Figure 4)

TSB 15-0164 (Continued)

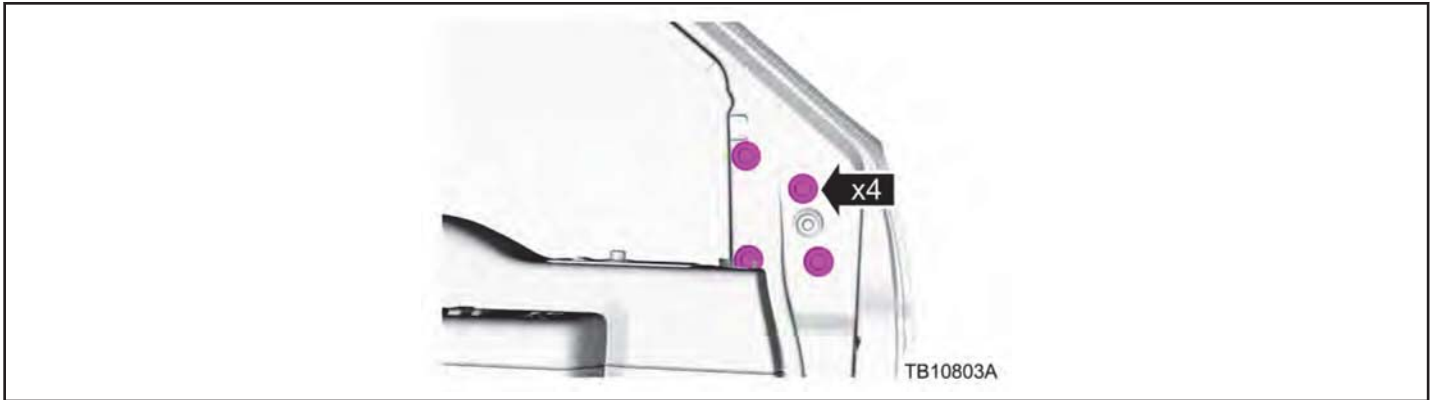


Figure 4 - Article 15-0164

10. Remove the three (3) lower and two (2) upper exterior tubular stainless steel west coast style mirror bracket attachments bolts and remove the mirror assembly from the door.
11. Prepare the new sail mount mirror by cutting all the wires at the back side of the new sail mirror gray 22-way connector and discard the connector.
12. Feed the new sail mirror wire harness through the access hole in the sail mount surface as the mirror assembly is placed into its mounting position and install the four (4) mirror attachment nuts. Tighten to 11 Nm (97 lb-in) (Figure 4).
13. Install the four (4) rubber plugs that cover the mirror retainers.
14. Use the crimp method and splice the red sail mirror wire (heater +) to the green wire (heat +) from the 6-way door connector. Refer to wire splice kit instructions.
15. Is the tubular mirror wiring connector shell gray?
 - a. Yes - use the crimp method and splice the green sail mirror wire ground to the black wire ground from the 6-way mirror connector. Refer to wire splice kit instructions. Proceed to Step 16.
 - b. No - use the crimp method and splice the green sail mirror wire (ground) to the white wire from the 6-way mirror connector. Refer to wire splice kit instructions.
16. Electrically isolate any unused wires from the sail mirror and 6-way door connector using heat shrink tubing to seal the ends.
17. Install the front door speakers. Refer to WSM, Section 415-00.
18. Install the door trim panels and interior sail panels. Refer to WSM, Section 501-05.
19. Connect the batteries. Refer to WSM, Section 414-01.
20. Repair any exterior door damage or unused mounting holes as needed. Refer to WSM, Section 501-35.

If the vehicle was originally equipped with exterior tubular stainless steel west coast mirrors with the marker lamp feature, the feature will be disabled after the procedure has been performed.

PART NUMBER	PART NAME
CC4Z-17682-D	Mirror -Right Hand Manual Non-Heated
DC4Z-17683-A	Mirror -Left Hand Manual Non-Heated
CC4Z-17682-E	Mirror - Right Hand Heated
CC4Z-17683-D	Mirror - Left Hand Heated
3U2Z-14A088-BA	Wire Terminal Splice Kit

OPERATION	DESCRIPTION	TIME
150164A	2006-2015 F-Super Duty 650/750 With Non Heated Mirrors: Replace Both Exterior Mirrors With Updated Mirrors (Do Not Use With Any Other Labor Operations Except BT, C Or D)	0.5 Hr.
150164B	2006-2015 F-Super Duty 650/750 With Heated Mirrors: Replace Both Exterior Mirrors With Updated Mirrors (Do Not Use With Any Other Labor Operations Except BT, C Or D)	2.2 Hrs.
150164BT	2006-2015 F-Super Duty 650/750: Repair Any Exterior Door Panel Damage Caused By West Coast Mirror One Or Both Doors (Do Not Use With Any Other Labor Operations Except A And B)	Actual Time
150164C	2006-2015 F-Super Duty 650/750: Additional Time To Resurface And Paint One (1) Front Door Includes Time For P101 (Do Not Use With Any Other Labor Operations Except A Or B)	2.7 Hrs.
150164D	2006-2015 F-Super Duty 650/750: Additional Time To Resurface And Paint Both (2) Front Doors Includes Time For P101 (Do Not Use With Any Other Labor Operations Except A Or B)	4.9 Hrs.

WARRANTY STATUS:

Eligible Under Provisions Of New Vehicle Limited Warranty Coverage

Warranty/ESP coverage limits/policies/prior approvals are not altered by a TSB. Warranty/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

DEALER CODING

BASIC PART NO.	CONDITION CODE
8020125	24